

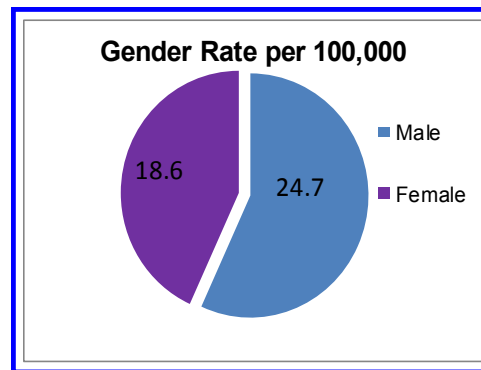
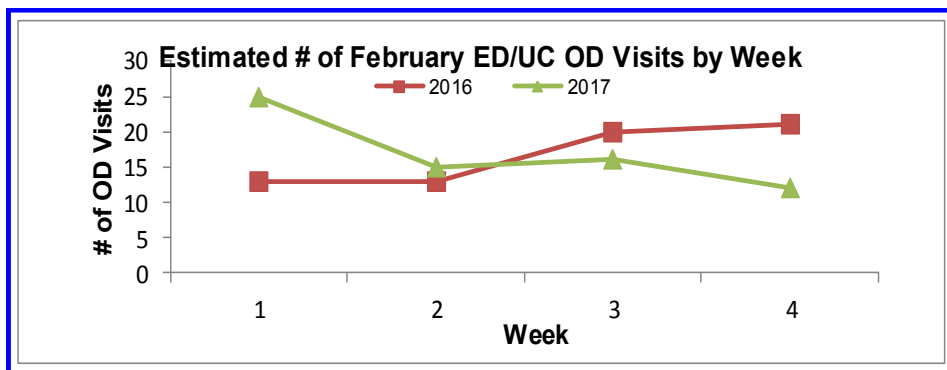


Public Health
Present. Promote. Protect.

Estimated Drug Overdose Surveillance Report: Stark County, Ohio: February 2017

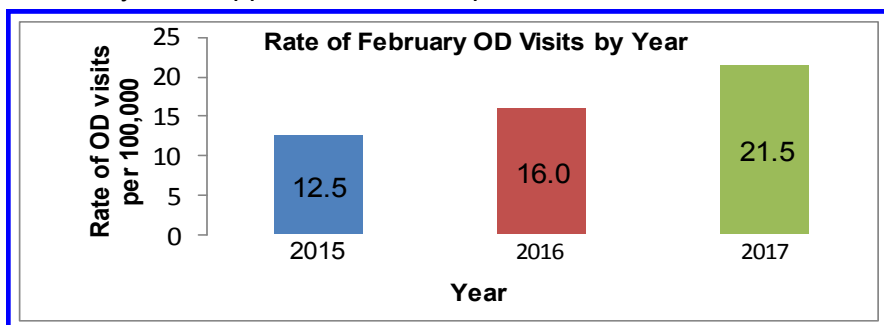


This report shows an estimated figure of all Stark County Emergency Department (ED) and Urgent Care (UC) visits for drug overdose (OD) in the month of February. This report is intended to show trends and figures we are seeing in Stark County with all drug overdoses not just those resulting in fatality. In the month of February there were 81 ED/UC visits of Stark county residents that met our exclusion criteria listed below. This number accounted for 0.33% of all ED/UC visits. The number of total visits is a decrease from the previous month however the percentage of ED/UC visits is the same. This could be due to February having less days than the average month.



This pie chart displays the number of OD visits broken down by gender, majority being male. From the 81 OD visits there was a median age of 28. This is comparable to last month where the majority were male and the median age was 33.

The graph above displays the raw number of ED/UC visits in February by week. Week 1 begins with the first Sunday of the month. Showing the comparison between February of 2016 and 2017, from this graph February 2017 visits show a decreasing trend over the month, where February 2016 appeared to trend upwards.



The graph above shows the rate of ED/UC OD visits per 100,000 of Stark County population. February rates shows a rise each consecutive year. However, February rates were lower than January rates for all three years.

Resources: This data was pulled from the Ohio Department of Health's EpiCenter database. Gender and Population data was taken from the 2015 ODH data warehouse.

Exclusion Criteria: The data in this report come from the state of Ohio's EpiCenter Health Monitoring System. The drug related cases include all emergency departments (ED) or urgent care (UC) visits occurring in Stark County. The data is then sorted through only keeping the cases that directly state "Overdose" or "OD" in the chief complaint section. Visits due to: a. Suicide attempt b. Overdoses from over the counter medications such as Tylenol, Ibuprofen, and Aspirin, c. Accidental Overdoses of Insulin, or d. where the abbreviation "OD" is referring to the right eye. These will be removed when identified in the case notes. However, there may be some cases that meet these criteria, but do not specify directly in the notes and therefore may still be included.

Please note that these are estimated figures due to the limited case notes available in Epicenter. The information provided may not be enough to firmly classify a case as an overdose and particular details of a case may change from the ED/UC first impression. For example, a patient with an initial complaint of altered mental status and throughout admission is determined to be an overdose will be missed in the data provided from EpiCenter. It is also important to remember that in most cases the type of drug that was used to overdose is not listed resulting in the figures reflecting any drug not just opiates.